

**BY ORDER OF THE COMMANDER
FAIRCHILD AIR FORCE BASE**

**FAIRCHILD AIR FORCE BASE
INSTRUCTION 23-502**



11 JULY 2013

Materiel Management

***RECOVERABLE AND UNUSABLE
PETROLEUM PRODUCTS***

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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(Major Daniel M. Hervas)

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This instruction establishes procedures for collecting, storing, returning to inventory, reusing, recycling, and disposing of all recoverable, unusable, and hazardous waste petroleum products generated on base. This instruction applies to all units and agencies assigned to or attached to Fairchild Air Force Base (AFB), to include all National Guard and Air Force Reserve units operating on Fairchild AFB. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with (IAW) Air Force Manual (AFMAN) 33-363, *Management of Records*, and disposed of IAW the Air Force Records Disposition Schedule (RDS) located at <https://www.my.af.mil/gcss-af61a/afrims/afrims/rims.cfm>. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication*, and route the AF Form 847s from the field through the appropriate functional chain of command.

SUMMARY OF CHANGES

This document has been substantially changed and must be completely reviewed. Major changes include paragraph 2.1, identifies base stock of more than one diesel fuel and the reduction to one grade of unleaded gasoline; paragraph 3.2. identifies generating unit responsibilities for draining off and treating water; paragraph 3.3. changes the wastewater authorization point of contact; paragraph 5.1. provides links to research national stock numbers (NSNs); paragraph 5.2. acknowledges the addition of the Hydrants Area "B" facility and identifies procedures for after hours requests; paragraph 5.3. establishes procedures for returning aviation fuel; paragraph 5.4

deleted; paragraph 6.2. deletes the 2d Support Squadron responsibilities, unit deactivated; paragraph 7.3. deletes return of product to the Defense Reutilization and Marketing Office (DRMO); paragraph 7.4. changes PPRC to 90-day accumulation facility.

1. General Policies

1.1. Organizations that generate recoverable or unusable petroleum products must adhere to this instruction. Every precaution will be taken to ensure petroleum products are not contaminated by foreign substances including different fuel types or foreign objects.

1.2. All recoverable fuel must meet minimum specifications IAW Technical Order (T.O.) 42B-1-1, *Quality Control of Fuels and Lubricants*, to be returned to the 92d Logistics Readiness Squadron (LRS) Fuels Management Flight.

2. Petroleum Products Stocked on Base

2.1. Currently, Fairchild AFB stocks aviation fuel (Jet-A), E-85 ethanol, automotive gasoline unleaded, biodiesel, and petroleum diesel fuels.

3. Generators of Recoverable and Unusable Products

3.1. No organization, with the exception of the LRS Fuels Management and aircraft maintenance squadrons, anticipates the generation of recoverable or unusable petroleum products.

3.2. LRS Fuels Management and aircraft maintenance squadrons (aircraft maintenance and aerospace ground equipment (AGE) units) generate recoverable petroleum products from refueling unit sumps, fuel storage tanks, aircraft sumps, aircraft requiring fuel cell inspections and repairs and AGE equipment. This fuel will be collected and temporarily stored in approved portable fuel bowzers. All water must be drained off by the generating unit prior to delivering the bowser to LRS Fuels Management for fuel reclamation and treated IAW paragraph 3.3. of this instruction.

3.3. Wastewater collected from refueling unit sumps, mobile and fixed filter separator units, low point drains, aircraft sumps, and AGE equipment will be collected in a wastewater container by the generating organization. Authorization for and disposal of wastewater must be coordinated through the base environmental office (92 CES/CEV).

4. Collecting Recoverable or Unusable Petroleum Products

4.1. Each organization is responsible for establishing procedures for collecting recoverable or unusable fuel products. Contact the base environmental coordinator for assistance. The LRS Fuels Management Flight will provide organizations owning support tanks the required tank custodian training classes and answer questions or provide assistance on any fuel-related problem.

5. Methods, Equipment, and Facilities Available to Collect, Store, Return to Inventory, Reuse, Recycle, and Dispose of Products

5.1. Approved Containers: Portable fuel bowzers and 55-gallon drums are approved containers for collecting petroleum products. Different fuel bowser sizes available for procurement can be found in Fed Log or www.dlis.dla.mil/webflis/pub/pub_Search.aspx.

5.2. Location of Fuel Bowsers on Base: The LRS Fuels Management Flight will maintain its fuel bowsers in the following areas: Fuels Bulk Storage (Building 2400), Hydrant Areas “A” and “B” (Buildings 2028 and 2151), and Refueling Unit Parking Lot (Building 2024). Aircraft maintenance squadrons will maintain their bowsers on the south side of Building 1011 when not in use. **Under no circumstance will any squadron other than LRS “store” their bowsers at Hydrant Area “A”.** If an emergency requires the after-hours emptying of any bower, the owning organization will contact the Maintenance Operational Control Center (MOCC) and request LRS Fuels Management Flight assistance in the matter. The requesting organization will provide an individual to act as a safety person in this situation. That individual will remain with the bowser during the entire off-loading process. If the bowser has been emptied or refused due to contamination, the bowser will be moved to its proper storage area.

5.3. Returning fuel to LRS Fuels Management: Aviation fuel may be returned to the LRS Fuels Management Flight provided it meets the established specifications IAW T.O. 42B-1-1, *Quality Control of Fuels and Lubricants*, or may be downgraded to a different product IAW T.O. 42-B-1-23, *Management of Recoverable and Waste Liquid Petroleum Products*. It must be free of both chemical and solid contaminants. Any person or organization found to be intentionally disposing of hydraulic fluid, brake fluid, or any other foreign substance (chemical or solid) in a marked fuel bowser will face possible disciplinary action. The fuels laboratory is the focal point to determine if the petroleum product is suitable for return to the base fuels inventory. Quality and quantity of product will be determined by the LRS Fuels Management Flight representative. Bowsers found to contain contaminated fuel will be retrieved by the organization.

5.4. Accounting for Fuel Returned to LRS Fuels Management: A LRS Fuels Management Flight representative will determine the quantity of product recovered and document it on a Department of Defense (DD) Form 1898, *Fuel Sale Slip*. The DD Form 1898 will be forwarded to the Fuels Accounting Office to be processed through the Fuels Enterprise HUB for credit to the generating organization.

6. Storage and Disposal Requirements for Unusable Petroleum Products

6.1. All organizations that collect unusable petroleum products must maintain containers either in a controlled area or in a secured posture using locks with a positive key control system. The storage area should be equipped with either acceptable spill containment equipment or a permanent or portable diked area. Best management practices must be employed to assure that a spill will not enter groundwater, surface water, or the sanitary sewer and storm water collection system.

6.2. The CES/CEV can arrange to have unusable products picked up at the point of generation. The 90-day accumulation facility (Building 2411) representative may be sent to pick up full containers if the product cannot be stored and collected by the waste oil contractor at the point of generation. If the 90-day accumulation point is required, their representative must be provided the following information: location, quantity, and entry/exit points.

7. Unusable products must be recycled through positive means whenever possible. The following prioritized guidelines have been established for sound property conservation and management of recoverable and unusable petroleum products

7.1. On-specification fuel: On-specification fuel will be returned to the LRS Fuels Management Flight's inventory for use as the original grade.

7.2. Off-specification fuel: Off-specification fuel can be returned to the LRS Fuels Management Flight for possible blending into the original product or downgrading to another product. Feasibility of this will be determined by a LRS Fuels Management Flight representative. In the event the fuel cannot be returned to stock, the generating organization will be responsible for arranging for disposal.

7.3. Surplus/Waste Fuel: Fuel that cannot be returned to the LRS Fuels Management Flight inventory should be categorized as surplus/waste fuel. This fuel may be recycled through a waste oil contractor or the 90-day accumulation facility by the originating organization.

7.4. Non-recyclable Waste: Treat non-recyclable waste as hazardous waste IAW the Resource Conservation and Recovery Act. All hazardous waste must be disposed of through the 90-day accumulation facility.

BRIAN M. NEWBERRY, Colonel, USAF
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Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFMAN 33-363, *Management of Records*, 1 March 2008

T.O. 42B-1-1, *Quality Control of Fuels and Lubricants*

T.O. 42B-1-23, *Management of Recoverable and Waste Liquid Petroleum Products*

Prescribed Forms

None

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

DD Form 1898, *Fuel Sale Slip*

Addressees

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Abbreviations and Acronyms

AFB—Air Force Base

AFMAN—Air Force Manual

AGE—Aerospace Ground Equipment

DD—Department of Defense

MOCC—Maintenance Operational Control Center

OPR—Office of Primary Responsibility

RDS—Records Disposition Schedule

T.O.—Technical Order